

**IN THE CLAIMS:**

Please re-write the claims as follows:

- 1     1.     (Currently Amended) A conformable fuel cell, comprising:
  - 2             (A)     a membrane electrolyte intimately interfacing with a catalyst layer  
3             along each of the membrane's major surfaces being a catalyzed membrane electro-  
4             lyte, having an anode aspect and a cathode aspect, and which catalyzed membrane  
5             electrolyte is conformable to a desired shape;  
6             (B)     diffusion layers sandwiching said catalyzed membrane electrolyte,  
7             said diffusion layers being comprised of materials that are conformable;  
8             (C)     flexible current collectors coupled with each of said anode aspect  
9             and said cathode aspect of said membrane electrolyte;  
10            (D)     fuel delivery means coupled with said anode aspect of said mem-  
11            brane electrolyte that delivers fuel substantially uniformly to said anode aspect  
12            while said fuel cell maintains said desired shape; and  
13            (E)     electrical coupling disposed across said anode aspect and said  
14            cathode aspect and having means for connection to an application device being  
15            powered by said fuel cell.
- 1     2.     (Original) The conformable fuel cell as defined in claim 1 wherein said current  
2     collectors at each of said anode aspect and said cathode aspect apply adequate compres-  
3     sion effectively over the active area of the membrane electrolyte.
- 1     3.     (Original) The conformable fuel cell as defined in claim 2 wherein said compres-  
2     sion applied to said active area is equal to or greater than about 100 psi.

1 4. (Currently Amended) The conformable fuel cell as defined in claim 1 further  
2 comprising ~~effective~~ management of water management from cathode to anode such that  
3 water management is achieved within the fuel cell.

1 5. (Original) The conformable fuel cell as defined in claim 1 wherein said fuel is  
2 substantially comprised of at least one of the following: a vapor fuel, a gel fuel, a liquid  
3 fuel and combinations thereof.

1 6. (Currently Amended) The conformable fuel cell as defined in claim 1 further  
2 comprising a dedicated layer of material that substantially expands, ~~thus imparting com-~~  
3 ~~pression; upon at least one of the following: hydration, thus imparting compression; ex-~~  
4 ~~posure to fuel, and exposure to heat.~~

1 7-11 (Cancelled)

1 12. (Previously Presented) The conformable fuel cell as defined in claim 1 wherein  
2 said conformable fuel cell is shaped to conform to one of the following:

- 3 (A) a body segment; and  
4 (B) a contoured wall of an application device; and  
5 (C) an exterior housing or an interior volume of an application device.

1 13. (Currently Amended) The conformable fuel cell as defined in claim 1 wherein  
2 said conformable fuel cell is configured to attached to an article of clothing mechanically.

1    14.    (Previously Presented) The conformable fuel cell as defined in claim 1 wherein  
2    fuel delivery is accomplished from a detachable conduit that connects to said anode as-  
3    pect of the fuel cell.

1    15-25 (Cancelled)

Please add new claims 26, *et seq.* as follows:

1    26.    (New) The conformable fuel cell as defined in claim 1 further comprising a dedi-  
2    cated layer of material that substantially expands upon exposure to fuel, thus imparting  
3    compression.

1    27.    (New) The conformable fuel cell as defined in claim 1 further comprising a dedi-  
2    cated layer of material that substantially expands upon exposure to heat, thus imparting  
3    compression.